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Dated: May 23, 2005

Signature: Norman Green  
(Norman Green)

Docket No.: 564462006000 /  
107001 / D1530-6US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Patent Application of:  
Walter CALLEN et al.

Application No.: 10/081,739

Confirmation No.: 1077

Filed: February 21, 2002

Art Unit: 1652

For: ENZYMES HAVING ALPHA AMYLASE  
ACTIVITY AND METHODS OF USE  
THEREOF

Examiner: Manjunath N. Rao, Ph.D.

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Responsive to the first Office Action on the merits mailed December 22, 2004, Applicants respectfully request entry of the amendment and consideration of the remarks set forth herein. A response to the Office Action was initially due March 22, 2005. Applicants submit herewith a Petition for Extension of Time to extend the time to reply to this Office Action for two months to May 23, 2005 (May 22, 2005, was a Sunday). Accordingly, this Response is timely filed.

**Amendment to the claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks** begin on page 15 of this paper.

The following documents are enclosed herewith:

- Transmittal letter; Fee Transmittal ; Jay Short Rule 132 expert declaration, and resume; and Petition for 2 month Extension of Time.